



## MOTUL AUTO COOL OPTIMAL



**Ready to use cooling liquid**  
**Anti-corrosion & antifreeze, protection -37°C / -35°F**  
**Technology Organic Tech**  
**Nitrite free / Amine free / Phosphate free / Borate free / Silicate free**

### TYPE OF USE

MOTUL AUTO COOL OPTIMAL -37°C is a ready to use long life cooling liquid, based on monoethyleneglycol, using an Organic Acid Technology (OAT) additivation named Organic Tech. Strongly recommended for all cooling systems: passenger cars, heavy duty, construction and agriculture vehicles, gardening, ships, stationary engines, ...

### PERFORMANCES

STANDARDS AND MANUFACTURER SPECIFICATIONS: Refer to chart.

Contains a bitterness agent to prevent from drinking: coolants and antifreezes have a sweet taste but are harmful. Optimal protection of cooling systems against freezing and metallic parts against corrosion. OAT coolant technology provides an excellent thermal exchange and therefore improves engine cooling efficiency and prevents from boiling. This organic technology provides anti-corrosion properties that remain at high temperature and aging. Low corrosion inhibitors consumption allows extended drain intervals. Water pump protection, avoids cavitation. Seals, hoses, pipes and plastic parts friendly.

### RECOMMENDATIONS

Ready to use, do not add any water.  
Drain intervals: Refer to the manufacturers' recommendation.  
Do not mix with non-organic products.  
This product should not be used to protect drinking water systems against freezing.  
Attention, control or drain the coolant only when the engine is cold.  
Dangerous. Respect the use and handling recommendations.

### PROPERTIES

Color

Visual

Red

We retain the right to modify the general characteristics of our products in order to offer to our customers the latest technical development.

Product specifications are definitive from the order which is subject to our general conditions of sale and warranty.

MOTUL - 49 Kyalami Blvd, Kyalami Business Park - 1684 - Midrand - +27820454357 - www.motul.com

[motul.com](http://motul.com)



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Density at 20°C (68°F)	ASTM D4052	1.068
pH	ASTM D1287	8.4
Initial crystallization	ASTM D1177	-38.0 °C / -36.0 °F
Freezing protection		-37.0 °C / -35.0 °F
Alkalinity reserve	ASTM D1121	2.8 mg KOH/g
Boiling point	ASTM D1120	136°C / 277°F (+1.5 bar)



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STANDARDS	
ASTM STANDARD	D3306, D4656
BRB	BR 637
BRITISH STANDARD	BS 6580
FVV STANDARD	Germany FVV Heft R443
UNE STANDARD	26-361-88/1
OEM PERFORMANCES	
AUDI	TL-774 D = G 12, TL-774 F = G 12+
CUMMINS	CES 14603, IS series & N14
DETROIT DIESEL	Power Cool Plus
DEUTZ	0199-99-1115, 0199-99-2091
FIAT	9.55523
FORD	WSS-M97B44-D
GENERAL MOTORS	GM 6277M (+B040 1065)
JAGUAR LAND ROVER	CMR 8229, WSS-M97B44-D
JOHN DEERE	JDM H5
KOMATSU	KES 07.892 (2007)
LAND ROVER	CMR 8229, WSS-M97B44-D, WSS-M97B44-D
LEYLAND	DW03245403
LIEBHERR	MD1-36-130
MACK	014 GS 17009
MAN	324 type SNF, D36 5600
MAZDA	MEZ MN 121 D
MERCEDES-BENZ	MB 326.3
mitsubishi	JQ07913-014
MTU	MTL 5048
MWM	0199-99-2091
OPEL	GM 6277M (+B040 1065), QL 130100
PACCAR	DAF 74002
RENAULT	41-01-001/--S Type D, 41-01-001/--S Type D
SAAB	GM 6277M (+B040 1065)
SEAT	TL-774 D = G 12, TL-774 F = G 12+
SKODA	61-0-0257, TL-774 D = G 12, TL-774 F = G 12+
TATA	WSS-M97B44-D
VAUXHALL	GM 6277M (+B040 1065), QL 130100
VOLVO	128 6083 / 002
VW	G12, G12+, TL-774 D = G 12, TL-774 F = G 12+
WÄRTSILÄ	32-9011, SACM Diesel DLP799861
PRODUCTS	
MAK	A4.05.09.01

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ULSTEIN BERGEN	2.13.01
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